



Dale Haines  
Operations Manager

Union Oil Company of California  
3800 Centerpoint Drive  
Suite 100  
Anchorage, Alaska 99503  
Tel 907 263 7951  
Fax 907 263 7698  
Email daleah@chevron.com

SCANNED  
2/2/11

February 16, 2011

Mr. Chae Park  
U.S. Environmental Protection Agency  
Region 10, Water Compliance Section  
1200 Sixth Avenue, OW-133  
Seattle, WA 98101

RECEIVED  
FEB 22 2011

DEC  
Division of Water Quality  
Wastewater Discharge Program

RETURN RECEIPT REQUESTED - CERTIFIED MAIL 91 7108 2133 3938 6048 6040

Re: NPDES Permit No. AKG-31-5001  
Granite Point Tank Farm January 2011 Discharge Monitoring Reports (DMR)

Dear Mr. Park:

Union Oil Company of California ("Union") operates the Granite Point Tank Farm that discharges regulated effluents in Cook Inlet, Alaska under NPDES Permit No. AKG-31-5001. Pursuant to condition VI.B of the Permit, Union Oil Company of California is hereby submitting the January 2011 NPDES Discharge Monitoring Reports (DMRs) for the Granite Point Tank Farm.

The discharge of produced water ceased on November 29, 2010 due to frozen lines, therefore there were no discharges reported.

Please take note that Union is using the forms provided by EPA with corrections to accommodate the reporting that is required by the permit. The corrections were approved by your Data Steward in an e-mail to Marilu Moreno-Jones dated September 3, 2010. Union plans to use this same format for our future DMR submittals.

Consistent with the authorization in your e-mail of September 16, 2010, this letter certifies all of the 5 pages of DMRs for Granite Point Tank Farm attached to this letter.

If you have any questions, please direct them to Ms. Marilu Moreno-Jones at 907-263-7305 or via e-mail at [mmjones@chevron.com](mailto:mmjones@chevron.com).

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Best regards,

Dale Haines

cc: ADEC / Certified Mail 91 7108 2133 3938 6048 6057

**NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
DISCHARGE MONITORING REPORT (DMR)**

Form Approved  
OMB No. 2040-0004

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

**NAME:** UNION OIL COMPANY OF CALIFORNIA (UNOCAL)  
**ADDRESS:** P.O. BOX 196247  
ANCHORAGE, AK 99519-6247  
**FACILITY:** GRANITE POINT TANK FARM  
**LOCATION:** COOK INLET, Alaska  
**ATTN:** JOHN ZAGER, GENERAL MANAGER

AKG315001	015-A
PERMIT NUMBER	DISCHARGE NUMBER

**DMR Mailing ZIP CODE:** 99519  
**MINOR**  
(SUBR 02)  
**PRODUCED WATER AND SAND**  
External Outfall

MONITORING PERIOD			
MM/DD/YYYY		TO	MM/DD/YYYY
FROM	01/01/2011		01/31/2011

No Discharge ☒ X

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
pH	SAMPLE MEASUREMENT	*****	*****	*****		*****					
00400 V 0 See Comments	PERMIT REQUIREMENT	*****	*****	*****	6 MINIMUM	*****	9 MAXIMUM	SU		Monthly	GRAB
pH	SAMPLE MEASUREMENT	*****	*****	*****		*****					
00400 W 0 See Comments	PERMIT REQUIREMENT	*****	*****	*****	6 MINIMUM	*****	9 MAXIMUM	SU		Weekly	GRAB
Oil and grease	SAMPLE MEASUREMENT	*****	*****	*****	*****						
03582 T 0 See Comments	PERMIT REQUIREMENT	*****	*****	*****	*****	29 MO AVG	42 DAILY MX	ug/L		Weekly	GRAB
Oil and grease	SAMPLE MEASUREMENT	*****	*****	*****	*****						
03582 U 0 See Comments	PERMIT REQUIREMENT	*****	*****	*****	*****	29 MO AVG	42 DAILY MX	ug/L		Weekly	COMP24
Flow, in conduit or thru treatment * plant	SAMPLE MEASUREMENT				*****	*****	*****	*****			
50050 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	*****	*****	*****	*****		Monthly	ESTIMA
Produced water, free oil	SAMPLE MEASUREMENT	*****			*****	*****	*****	*****			
79834 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	Req. Mon. MO TOTAL	occur/mo	*****	*****	*****	*****		Daily	VISUAL

<b>NAME/TITLE PRINCIPAL EXECUTIVE OFFICER</b> John Zager, General Manager Mid Continent/Alaska Business Unit TYPED OR PRINTED	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	<b>TELEPHONE</b> (907) 276-7600		<b>DATE</b> 02/16/2011
		<b>SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT</b>		AREA Code
		NUMBER		MM/DD/YYYY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

NO DISCHARGE OF PRODUCED SAND IS ALLOWED

T = GRAB SAMPLE

U = COMPOSITE SAMPLE

V = DISCHARGE < 1 MGD (PREVIOUS MONTHS AVG RATE)

W = DISCHARGE > 1 MGD (PREVIOUS MONTH'S AVG RATE)

EPA Form 3320-1 (Rev.01/08) Previous editions may be used

\*Granite Point Tank Farm's Produced Water outfall froze due to winter conditions on November 29, 2010. Discharge of Produced Water will recommence after the spring thaw.

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No Discharge ☒ X

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Nitrogen, ammonia total (as N) 00610 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	*****			mg/L	0	Quarterly	GRAB
	PERMIT REQUIREMENT	*****	*****	*****	*****	Req. Mon. MO AVG	Req. Mon. DAILY MX	mg/L		Quarterly	GRAB
Silver total recoverable 01079 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	*****						
	PERMIT REQUIREMENT	*****	*****	*****	*****	37 MO AVG	74 DAILY MX	ug/L		Monthly	GRAB
Silver total recoverable 01079 P 0 See Comments	SAMPLE MEASUREMENT	*****	*****	*****	*****						
	PERMIT REQUIREMENT	*****	*****	*****	*****	37 MO AVG	74 DAILY MX	ug/L		Quarterly	CALCTD
Silver total recoverable 01079 Q 0 See Comments	SAMPLE MEASUREMENT	*****	*****	*****	*****						
	PERMIT REQUIREMENT	*****	*****	*****	*****	37 MO AVG	74 DAILY MX	ug/L		Weekly	GRAB
Zinc, total recoverable 01094 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	*****						
	PERMIT REQUIREMENT	*****	*****	*****	*****	1.5 MO AVG	3.1 DAILY MX	mg/L		Monthly	GRAB
Zinc, total recoverable 01094 P 0 See Comments	SAMPLE MEASUREMENT	*****	*****	*****	*****						
	PERMIT REQUIREMENT	*****	*****	*****	*****	1.5 MO AVG	3.1 DAILY MX	mg/L		Monthly	GRAB
Zinc, total recoverable 01094 Q 0 See Comments	SAMPLE MEASUREMENT	*****	*****	*****	*****						
	PERMIT REQUIREMENT	*****	*****	*****	*****	1.5 MO AVG	3.1 DAILY MX	mg/L		Quarterly	GRAB

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COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

P=MONT. REDUCE (II.G.6.a.1.)  
Q=MONT INCREASE (II.G.6.a.2.)  
R=ACCELERATED TESTING (III.A.7)

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		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Copper, total recoverable	SAMPLE MEASUREMENT	*****	*****	*****	*****						
01119 1 0	PERMIT REQUIREMENT	*****	*****	*****	*****	67 MO AVG	130 DAILY MX	ug/L		Monthly	GRAB
Copper, total recoverable	SAMPLE MEASUREMENT	*****	*****	*****	*****						
01119 P 0	PERMIT REQUIREMENT	*****	*****	*****	*****	67 MO AVG	130 DAILY MX	ug/L		Quarterly	GRAB
See Comments											
Copper, total recoverable	SAMPLE MEASUREMENT	*****	*****	*****	*****						
01119 Q 0	PERMIT REQUIREMENT	*****	*****	*****	*****	67 MO AVG	130 DAILY MX	ug/L		Weekly	GRAB
See Comments											
Manganese, total recoverable	SAMPLE MEASUREMENT	*****	*****	*****	*****						
11123 1 0	PERMIT REQUIREMENT	*****	*****	*****	*****	6.1 MO AVG	12.3 DAILY MX	mg/L		Monthly	GRAB
Effluent Gross											
Manganese, total recoverable	SAMPLE MEASUREMENT	*****	*****	*****	*****						
11123 P 0	PERMIT REQUIREMENT	*****	*****	*****	*****	6.1 MO AVG	12.3 DAILY MX	mg/L		Quarterly	GRAB
See Comments											
Manganese, total recoverable	SAMPLE MEASUREMENT	*****	*****	*****	*****						
11123 Q 0	PERMIT REQUIREMENT	*****	*****	*****	*****	6.1 MO AVG	12.3 DAILY MX	mg/L		Weekly	GRAB
See Comments											
Total Aromatic Hydrocarbons	SAMPLE MEASUREMENT	*****	*****	*****	*****						
39942 1 0	PERMIT REQUIREMENT	*****	*****	*****	*****	14 MO AVG	20 DAILY MX	mg/L		Monthly	GRAB
Effluent Gross											

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		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Total Aromatic Hydrocarbons	SAMPLE MEASUREMENT	*****	*****	*****	*****						
39942 P 0	PERMIT REQUIREMENT	*****	*****	*****	*****	14 MO AVG	20 DAILY MX	mg/L		Quarterly	GRAB
See Comments											
Total Aromatic Hydrocarbons	SAMPLE MEASUREMENT	*****	*****	*****	*****						
39942 Q 0	PERMIT REQUIREMENT	*****	*****	*****	*****	14 MO AVG	20 DAILY MX	mg/L		Weekly	GRAB
See Comments											
Total Aqueous Hydrocarbons	SAMPLE MEASUREMENT	*****	*****	*****	*****						
50259 1 0	PERMIT REQUIREMENT	*****	*****	*****	*****	Req. Mon. MO AVG	Req. Mon. DAILY MX	mg/L		Monthly	GRAB
Effluent Gross											
Total Aqueous Hydrocarbons	SAMPLE MEASUREMENT	*****	*****	*****	*****						
50259 P 0	PERMIT REQUIREMENT	*****	*****	*****	*****	Req. Mon. MO AVG	Req. Mon. DAILY MX	mg/L		Quarterly	GRAB
Effluent Gross											
Total Aqueous Hydrocarbons	SAMPLE MEASUREMENT	*****	*****	*****	*****						
50259 Q 0	PERMIT REQUIREMENT	*****	*****	*****	*****	Req. Mon. MO AVG	Req. Mon. DAILY MX	mg/L		Weekly	GRAB
Effluent Gross											
Mercury, total (as Hg)	SAMPLE MEASUREMENT	*****	*****	*****	*****				2		
71900 1 0	PERMIT REQUIREMENT	*****	*****	*****	*****	3.1 MO AVG	7.9 DAILY MX	ug/L		Monthly	GRAB
Effluent Gross											
Mercury, total (as Hg)	SAMPLE MEASUREMENT	*****	*****	*****	*****						
71900 P 0	PERMIT REQUIREMENT	*****	*****	*****	*****	3.1 MO AVG	7.9 DAILY MX	ug/L		Quarterly	GRAB
See Comments											

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		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Mercury, total (as Hg)	SAMPLE MEASUREMENT	*****	*****	*****	*****						
71900 Q 0	PERMIT REQUIREMENT	*****	*****	*****	*****	3.1 MO AVG	7.9 DAILY MX	ug/L		Weekly	GRAB
See Comments											
Toxicity, Chronic*	SAMPLE MEASUREMENT	*****	*****	*****	*****			TUc		Quarterly	GRAB
Dendrobaea excentricus	PERMIT REQUIREMENT	*****	*****	*****	*****	1341 MO AVG**	2691 DAILY MX**	toxic		See Permit	GRAB
TT000 1 0											
See Comments											
Toxicity, Chronic*	SAMPLE MEASUREMENT	*****	*****	*****	*****			TUc		Annual	GRAB
Menidia beryllina	PERMIT REQUIREMENT	*****	*****	*****	*****	1341 MO AVG**	2691 DAILY MX**	toxic		See Permit	GRAB
TT000 1 0											
See Comments											
Toxicity, Chronic*	SAMPLE MEASUREMENT	*****	*****	*****	*****			TUc		Annual	GRAB
Mytilus galloprovincialis	PERMIT REQUIREMENT	*****	*****	*****	*****	1341 MO AVG**	2691 DAILY MX**	toxic		See Permit	GRAB
TT000 1 0											
See Comments											
Toxicity, Chronic*	SAMPLE MEASUREMENT	*****	*****	*****	*****						
TT000 R 0	PERMIT REQUIREMENT	*****	*****	*****	*****	1341 MO AVG	2691 DAILY MX	toxic		See Permit	GRAB
See Comments											
Toxicity, Chronic*	SAMPLE MEASUREMENT	*****	*****	*****	*****						
TT000 Q 0	PERMIT REQUIREMENT	*****	*****	*****	*****	1341 MO AVG	2691 DAILY MX	toxic		See Permit	GRAB
Effluent Gross											

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\*\*Section II.F.4 of the permit.

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